

WS1EC – 2018 SET After Action Review

The 2018 Simulated Emergency Test (SET) was an excellent learning experience for our group, and we went into it with the intention of using it primarily as a training exercise. The SET built upon a successful joint communications exercise with Cumberland County EMA and the Red Cross, in August.

For this year, we built upon last year's plan to activate Regional FEMA/Red Cross shelters throughout Cumberland County with the hopes of identifying shelters that might require permanent antennas on site, relay links utilizing the county's communications trailer, or Key Stations. Our plan included attempting to exchange weather reports or mock requests for supplies from each location via FM simplex. Weather reports would be relayed to WX1GYX via Winlink, unless they too were able to make direct contact with the shelter on 2m FM. Where possible, we attempted to make contact at various power levels, (5 watts, 25 watts, and 50 watts), and also on DMR simplex.

We were successful in contacting every site that was activated, and identified 2 sites that required more than 5 watts, and in some cases more than 25 watts, to make contact. These include: Brunswick High School, in Brunswick, and Lakes Region High School, in Naples. From four sites, we had successful DMR simplex contacts on 5 watts.

Our plan also called for our net liaison at Cumberland County EMA to exchange information via HF and VHF digital with different EOCs as well as the SKYWARN amateur radio station at NWS Gray. We were able to do this successfully, and as an added bonus, we were also able to incorporate GMRS into the exercise, with contacts between WRAT256 and WQKD305 from various sites.

Areas of improvement that we identified during the exercise, include:

- Reaffirmed need to assemble 50W capable backpack stations that can be deployed to a shelter
- Consider installing permanent antennas at Brunswick and Lakes Region High Schools
- Expand our digital capabilities among portable/mobile stations
- Formalize the transition from standard communications to those requiring a Net Control

For our fourth year participating as a formal group, we had a lot of fun, learned a lot, and look forward to the next challenge!

2018 EC SET Report (FORM A)

Please fill out this report in triplicate (one copy to ARRL Headquarters, one copy to your SEC or DEC, one copy for your files). Attach newspaper clippings, photos, remarks, suggestions and any other material to be used in the write-up. Deadline for reporting is February 1, 2019. Please send to sewald@arrl.org at ARRL HQ. Thank you.

ARRL Section: Maine (ME)
Area of Jurisdiction: Cumberland County
Call Sign Used: WS1EC
Email Address: mainehamradio@gmail.com
Date of local SET: October 27, 2018

	Computation of score:			Points
A	Number of amateurs who participated in the test	10	X 2	20
B	Number of new amateurs (licensed since 2013) participating	8	X 3	24 KC1XT KB1HBM KC1HJN KC1AOT W1CJC KC1HJK KC1JMH K1GJY
C	Number of formal 3rd party written traffic messages originated or delivered during the SET on behalf of served agencies	22	X 1	22
D	Were TACTICAL communications conducted on behalf of served agencies? (1 hour or more, score 20 points; 1/2 hour to 1 hour, score 10; less than 1/2 hour, score 5.)		N/A	N/A
E	Number of stations on emergency power during the test	9	X 2	18
F	Number of emergency-powered repeaters used during the test • Give call signs of repeaters:	0	X 10	0 We used no repeaters, as per the Maine SET rules
G	Is <i>dual</i> membership in ARES and RACES actively encouraged? If YES, score 10 points.	Yes		10

H	Was liaison maintained during the SET with an NTS section or local net? If YES, score 10 points. • Give call signs of station(s) performing liaison:	Yes		10 KB1HNZ, KC1HJK
I	Were digital modes utilized at any time during the exercise? If YES, score 10 points • Name the digital modes utilized:	Yes		10 DMR, PSK250RC5 Winlink HF & VHF
J	Number of different agencies for which communications were handled • Name the agencies served:	3	X 5	15 Cumberland County EMA American Red Cross National Weather Service
K	Number of communities in which agencies were contacted. (If none, score MINUS 10) • Name the communities served:	10	X 10	100 Gray Windham South Portland Portland Cumberland Falmouth Gorham Naples Brunswick New Gloucester
L	Was a press release submitted? If YES, score 10 points, attach copy.	Yes		10 (see attached)
TOTAL NUMBER OF POINTS				239

GENERAL MESSAGE (ICS-213)

1. Incident Name (optional): 2018 Maine SET		
2. To (Name and Position): WX1GYX, N1WJO		NWS, MEMA
3. From (Name and Position): WS1EC		CUMBERLAND COUNTY EOC
4. Subject : SHELTERS OPEN		5. Date : 2018-10-27 6. Time 11:40L
7. Message : THIS IS AN EXERCISE MESSAGE. THE FOLLOWING REGIONAL SHELTERS ARE OPENED AND COMMUNICATIONS HAS BEEN ESTABLISHED BETWEEN EACH SHELTER AND THE CUMBERLAND COUNTY EOC IN WINDHAM: BRUNSWICK HIGH SCHOOL EASTPOINT CHURCH FALMOUTH HIGH SCHOOL GORHAM MIDDLE SCHOOL GRAY / NEW GLOUCESTER HIGH SCHOOL GREELY MIDDLE SCHOOL LAKES REGION HIGH SCHOOL PORTLAND EXPO BUILDING SOUTH PORTLAND HIGH SCHOOL SOUTH PORTLAND COMMUNITY CENTER WINDHAM HIGH SCHOOL END OF EXERCISE MESSAGE.		
8. Approved by: Name : CJ CARLSSON Signature : _____ Position/Title : HAM RADIO OP W1CJC		
9. Reply :		
10. Replied by: Name : _____ Position/Title : _____ Signature: _____ ICS-213 Date/Time : _____		

GENERAL MESSAGE (ICS-213)

1. Incident Name (optional): 2018 Maine SET		
2. To (Name and Position): WS1EC	CUMBERLAND COUNTY EOC	
3. From (Name and Position): KB1HNZ	HAM RADIO OP	
4. Subject : NEAREST SHELTER LOCATION	5. Date : 2018-10-27 6. Time 1123L	
7. Message : THIS IS AN EXERCISE MESSAGE. HOMewood SUITES OFF PAYNE ROAD IN SCARBOROUGH HAS 64 GUESTS THAT MAY NEED TO BE EVACUATED DUE TO EXTENDED LOSS OF POWER AND HEAT. PLEASE ADVISE ON NEAREST SHELTER LOCATION THAT IS OPEN AND CAN ACCEPT THIS MANY GUESTS. END OF EXERCISE MESSAGE.		
8. Approved by: Name : TIM WATSON Signature : _____ Position/Title : HAM RADIO OP KB1HNZ		
9. Reply : CUMBERLAND COUNTY EOC HAS BEEN IN CONTACT WITH EASTPOINT CHURCH, LOCATED AT 345 CLARKS POND ROAD, IN SOUTH PORTLAND, AND THEY ARE READY TO ACCEPT YOUR GUESTS.		
10. Replied by: Name : DAVID FEENEY Position/Title : PLANNER Signature: _____ ICS-213 Date/Time : 2018-10-27 11:45L		

GENERAL MESSAGE (ICS-213)

1. Incident Name (optional): 2018 Maine SET		
2. To (Name and Position): WS1EC, WX1GYX		CUMBERLAND COUNTY EOC, NWS
3. From (Name and Position): KB1HNZ		HAM RADIO OP
4. Subject : TREE DOWN		5. Date : 2018-10-27 6. Time 9:24L
7. Message : THIS IS AN EXERCISE MESSAGE. LARGE OAK TREE BLOCKING INTERSECTION OF WOODVILLE ROAD AND FIELD ROAD IN FALMOUTH. SEND WORK CREW TO CLEAR TREE. WATCH OUT FOR DOWNED POWER LINES IN AREA. END OF EXERCISE MESSAGE.		
8. Approved by: Name : TIM WATSON Signature : _____ Position/Title : HAM RADIO OP KB1HNZ		
9. Reply :		
10. Replied by: Name : _____ Position/Title : _____ Signature: _____ ICS-213 Date/Time : _____		

GENERAL MESSAGE (ICS-213)

1. Incident Name (optional): Maine SET		
2. To (Name and Position): Dave Feeney WN1F	Planner - Cumberland County EOC	
3. From (Name and Position): KC1XT	Ham operator	
4. Subject : Request for Blankets	5. Date : 2018-10-27 6. Time 09:40L	
7. Message : THIS IS AN EXERCISE MESSAGE. THE BRUNSWICK HIGH SCHOOL SHELTER IS NEAR CAPACITY. WE ARE REQUESTING 100 BLANKETS. END OF EXERCISE MESSAGE.		
8. Approved by: Name : KC1XT	Signature : _____	Position/Title : Ham operator
9. Reply : REQUEST HAS BEEN FORWARDED TO RED CROSS.		
10. Replied by: Name : DAVE FEENEY WN1F ICS-213	Position/Title : Planner - Cumberland County EOC Date/Time : 2018-10-27	Signature: _____ 09:50L

1. Incident Name (optional): 2018 Maine SET					
2. To (Name and Position): WX1GYX					
3. From (Name and Position):					
4. Subject : WEATHER REPORTS			5. Date : 2018-10-27 6. Time 1355L		
7. Message :					
THIS IS AN EXERCISE MESSAGE.					
WE HAVE RECEIVED THE FOLLOWING WEATHER REPORTS FROM OUR SHELTER LOCATIONS:					
BRUNSWICK HIGH SCHOOL: 38 DEGREES, OVERCAST, NO PRECIPITATION					
GORHAM MIDDLE SCHOOL: 38 DEGREES, LIGHT RAIN, NO WIND					
GRAY NEW GLOUCESTER HIGH SCHOOL: 39 DEGREES, MODERATE RAIN, NO WIND, NOTHING SEVERE					
GREELEY MIDDLE SCHOOL: 40 DEGREES, LIGHT WIND, HEAVY OVERCAST, NO PRECIPITATION					
LAKES REGION HIGH SCHOOL: 39 DEGREES, OVERCAST, NO WIND, NO PRECIPITATION					
PORTLAND EXPO BUILDING: 40 DEGREES, STEADY LIGHT RAIN, DIAGONAL AT TIMES, NW BREEZE					
SCARBOROUGH HIGH SCHOOL: NOT ACTIVATED					
SOUTH PORTLAND COMMUNITY CENTER: 43 DEGREES, CLOUDY, LIGHT SE WIND, RAIN STARTING					
EASTPOINT CHURCH (THE POINT): 39 DEGREES, OVERCAST, LIGHT BREEZE					
WESTBROOK HIGH SCHOOL: NOT ACTIVATED					
WINDHAM HIGH SCHOOL: 39 DEGREES, LIGHT RAIN					
END OF EXERCISE MESSAGE.					
8. Approved by: Name : CJ CARLSSON W1CJC			Signature : _____ Position/Title : HAM OPERATOR		
9. Reply : 					
10. Replied by: Name :		Position/Title :		Signature: _____	
ICS-213		Date/Time :			

RADIOGRAM

NUMBER	PRECEDENCE	HK	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
1	ROUTINE		NITRC	8	TOPSHAM ME	1030L	OCT 27
TO TIM WATSON KB1HNZ 11 LYMAN AVENUE SACO ME 04072				THIS RADIO MESSAGE WAS RECEIVED AT WS1EC Wireless Society of Southern Maine - Emergency Communications Team P.O. Box 6833 Scarborough, ME 04074			
PHONE NUMBER							
MIDCOAST EMERGENCY NET HAS 11 CHECK INS 73							
Signature: MARJORIE NITRC							
ORIG FROM:				DATE/TIME:			
DLVD TO: >				DATE/TIME:			
RCVD FM:				NET:		DATE/TIME:	
SENT TO:				NET:		DATE/TIME:	



RADIOGRAM



NUMBER	PRECEDENCE	HK	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
64	ROUTINE		WS1EC	24	WINDHAM ME	1118Z	OCT 27
TO STEVE HANSEN KB1TCE PO BOX 456 OWLS HEAD ME 04854				THIS RADIO MESSAGE WAS RECEIVED AT WS1EC Wireless Society of Southern Maine - Emergency Communications Team PO BOX 6833 Scarborough ME 04074			
PHONE NUMBER							
THIS IS AN EXERCISE MESSAGE X HELLO STEVE X WE ARE SENDING THIS DURING OUR ANNUAL SIMULATED EMERGENCY TEST X HOPE EVERYTHING IS WELL							
Signature: TIM WATSON							
ORIG FROM:				DATE/TIME:			
DLVD TO: >				DATE/TIME:			
RCVD FM: KB1HNZ				NET: SET		DATE/TIME:	
SENT TO: RRI-REGION1				NET:		DATE/TIME:	



RADIOGRAM



NUMBER	PRECEDENCE	HK	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
63	ROUTINE		K1GJY	24	SACO ME	1115Z	OCT 27
TO FRANK ALLEN W1FRA 365 CHADBOURNE RIDGE ROAD PO BOX 25 NORTH WATERBORO ME 04061				THIS RADIO MESSAGE WAS RECEIVED AT WS1EC Wireless Society of Southern Maine - Emergency Communications Team PO BOX 6833 Scarborough ME 04074			
PHONE NUMBER							
THIS IS AN EXERCISE MESSAGE X HELLO FRANK X WE ARE SENDING THIS DURING OUR ANNUAL SIMULATED EMERGENCY TEST X HOPE EVERYTHING IS WELL							
Signature: STEFANIA WATSON							
ORIG FROM:				DATE/TIME:			
DLVD TO: >				DATE/TIME:			
RCVD FM: K1GJY				NET: SET		DATE/TIME:	
SENT TO: RRI-REGION11				NET:		DATE/TIME:	



RADIOGRAM



NUMBER	PRECEDENCE	BOX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
61	ROUTINE		YO9GJY	25	SACO ME	1102Z	OCT 27
TO GAVRILA CHIRUTA YO9ICG STR VALEA URSOII 16 VALEA CALUGAREASCA PH 107620 ROMANIA				THIS RADIO MESSAGE WAS RECEIVED AT WSIEC Wireless Society of Southern Maine - Emergency Communications Team PO BOX 6833 Scarborough ME 04074			
PHONE NUMBER							
THIS IS AN EXERCISE MESSAGE X HELLO MOM X I AM SENDING THIS MESSAGE DURING OUR ANNUAL SIMULATED EMERGENCY TEST X HOPE ALL IS WELL							
Signature: STEFANIA WATSON							
ORIG FROM:				DATE/TIME:			
DLVD TO:				DATE/TIME:			
>							
RCVD FM: YO9GJY				NET: SET		DATE/TIME:	
SENT TO: RRI-REGION11				NET:		DATE/TIME:	



RADIOGRAM



NUMBER	PRECEDENCE	BOX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
62	ROUTINE		KBIHNZ	24	SACO ME	1110Z	OCT 27
TO RYAN MICHAELSON KBIYTR 235 E LOCUST STREET DULUTH MN 55811				THIS RADIO MESSAGE WAS RECEIVED AT WSIEC Wireless Society of Southern Maine - Emergency Communications Team PO BOX 6833 Scarborough ME 04074			
PHONE NUMBER							
THIS IS AN EXERCISE MESSAGE X HELLO RYAN X WE ARE SENDING THIS DURING OUR ANNUAL SIMULATED EMERGENCY TEST X HOPE EVERYTHING IS WELL							
Signature: TIM WATSON							
ORIG FROM:				DATE/TIME:			
DLVD TO:				DATE/TIME:			
>							
RCVD FM: KBIHNZ				NET: SET		DATE/TIME:	
SENT TO: RRI-REGION11				NET:		DATE/TIME:	



RADIOGRAM



NUMBER	PRECEDENCE	BOX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
60	ROUTINE		KBIHNZ	25	SACO ME	1047Z	OCT 27
TO ADRIAN SINTARU YO3APJ PO BOX 2 DASH 20 RO 014730 BUCHAREST 2 ROMANIA				THIS RADIO MESSAGE WAS RECEIVED AT WSIEC Wireless Society of Southern Maine - Emergency Communications Team PO BOX 6833 Scarborough ME 04074			
PHONE NUMBER							
HELLO ADRIAN X WE ARE SENDING YOU THIS MESSAGE DURING OUR ANNUAL SIMULATED EMERGENCY TEST X HOPE YOU ARE WELL X BEST WISHES FROM MAINE							
Signature: TIM WATSON							
ORIG FROM:				DATE/TIME:			
DLVD TO:				DATE/TIME:			
>							
RCVD FM: KBIHNZ				NET: SET		DATE/TIME:	
SENT TO: RRI-REGION11				NET:		DATE/TIME:	

GENERAL MESSAGE (ICS-213)

1. Incident Name (optional): 2018 Maine SET		
2. To (Name and Position): WS1EC, KB1TCE, KX1EMA, W1WDW, N1WJO, KS1R		
3. From (Name and Position): WX1GYX		NATIONAL WEATHER SERVICE GRAY
4. Subject : SKYWARN ACTIVATED		5. Date : 2018-10-27 6. Time 1205L
7. Message : AS OF 1100 UTC, SKYWARN HAS BEEN ACTIVATED WITH OPS AT THE NATIONAL WEATHER SERVICE IN GRAY, ME. PLEASE SEND REPORTS OF SEVERE WEATHER AND DAMAGE TO WX1GYX VIA WINLINK. MOST LIKELY HAZARDS INCLUDE: SLEET OR FREEZING RAIN WIND IN EXCESS OF THIRTY (30) MILES PER HOUR DOWNED TREES OR POWER LINES IMPASSABLE OR CLOSED ROADS PLEASE ALSO REPORT ANY CHANGES IN PRECIPITATION.		
8. Approved by: Name : ERIC EMERY Signature : _____ Position/Title : SKYWARN LIAISON KC1HJK		
9. Reply :		
10. Replied by: Name : _____ Position/Title : _____ Signature: _____ ICS-213 Date/Time : _____		

GENERAL MESSAGE (ICS-213)

1. Incident Name (optional): 2018 Maine SET		
2. To (Name and Position): WS1EC	CUMBERLAND COUNTY EOC	
3. From (Name and Position): KB1HNZ	HAM RADIO OP	
4. Subject : CASCO BAY BRIDGE CLOSED	5. Date : 2018-10-27	6. Time 1215L
7. Message : THIS IS AN EXERCISE MESSAGE. CASCO BAY BRIDGE HAS BEEN CLOSED DUE TO SEVERE ICING ON ROAD SURFACE. END OF EXERCISE MESSAGE.		
8. Approved by: Name : TIM WATSON Signature : _____ Position/Title : HAM RADIO OP KB1HNZ		
9. Reply :		
10. Replied by: Name : _____ Position/Title : _____ Signature: _____ ICS-213 Date/Time : _____		

2018 WSSM-ECT SET

Preliminary Outline:

The goal of the 2018 **Maine Simulated Emergency Test (SET)**, for WSSM-ECT, will be to establish two-way communications between WS1EC, operating from Cumberland County EMA, and each of the thirteen regional shelters within Cumberland County, and also between each of these shelters and WX1GYX, operating from the National Weather Service Forecast Office, in Gray, ME.

Portable / Mobile stations at each shelter location will attempt to make contact via 2 Meter FM Simplex, DMR Simplex, and if equipped, send/receive a digital message. Suggested traffic will be a weather report from each location, requests for supplies, or anything else relevant to the exercise scenario. The exact scenario has not yet been finalized.

Our objective is to reaffirm which shelters will require more than a 5W HT to communicate with either the EOC or NWS, and also determine if a permanent antenna installation is required / recommended at any of the shelter locations. We will then work with Cumberland County EMA to get these in place in time for next year's SET.

Initial contacts and coordination will take place on **146.580** FM Simplex. The recommended DMR Simplex frequency will be **145.790**.

Other components of the SET will be to establish contact with MEMA on the ARES HF SSB net (if one takes place), and also to be ready to send and receive traffic via Winlink on HF.

Once all shelter traffic is completed, it will be recommended for operators at both CCEMA and NWS to attempt contacts with adjacent counties to assist in any way with their SET efforts, before securing the station.

The time frame for previous SETs was 8AM-12PM, although nothing firm has been announced yet about the 2018 schedule. As we get closer, we'll set a schedule for our own activities.

Maintain Contact with WX1GYX (NWS)

WX1GYX (National Weather Service)			
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 8:09am	Report: 59
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 8:07am	Report: 59
<input checked="" type="checkbox"/>	Received Digital Message		<input checked="" type="checkbox"/> Sent Reply

Maintain Contact with MEMA

Maine Emergency Management Agency			
<input type="checkbox"/>	Contacted via FM Simplex	Time:	Report:
<input type="checkbox"/>	Contacted via HF	Time:	Report:
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/> Sent Reply

Maine ARES HF Frequencies: 3940 kHz (SSB), 7262 kHz (SSB), 3583 kHz (Digital Traffic)

Contact with Adjacent County

County: York		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 9:41am Report: 59
<input type="checkbox"/>	Contacted via FM Repeater	Time: Report:
<input type="checkbox"/>	Contacted via HF	Time:
<input type="checkbox"/>	Received Digital Message	<input type="checkbox"/> Sent Reply

Contact with Adjacent County

County: Sagadahoc		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 10:41am Report: 59
<input type="checkbox"/>	Contacted via FM Repeater	Time: Report:
<input type="checkbox"/>	Contacted via HF	Time:
<input type="checkbox"/>	Received Digital Message	<input type="checkbox"/> Sent Reply

Contact with Adjacent County

County:		
<input type="checkbox"/>	Contacted via FM Simplex	Time: Report:
<input type="checkbox"/>	Contacted via FM Repeater	Time: Report:
<input type="checkbox"/>	Contacted via HF	Time:
<input type="checkbox"/>	Received Digital Message	<input type="checkbox"/> Sent Reply

Notes:

Attempted to contact MEMA on both published ARES HF frequencies throughout the SET, but nothing was heard. Not sure if it was just poor conditions or if there really wasn't anyone there.

HF Contact with WX1GYX at 11:23am on 3940 kHz 57 report both ways

Brad, WRAT256 at South Portland Community Center, contacted Tim WQKD305 at Greely Middle School at 9:47am via GMRS

Brad, WRAT256 at CCEMA, contacted Tim WQKD305 at NWS at 10:50am via GMRS



**WIRELESS SOCIETY
OF SOUTHERN MAINE**

Est. 2010



Number of participants: 10Number of communities served: 10Number of agencies served: 3Number of digital messages exchanged: 10Total number of messages exchanged: 22**Shelter Locations:**

Brunswick High School			Portable / Mobile Station: KC1XT & KC1HBM		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 9:22am	Report (5W): 25	(25W): 59	(50W): 59
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 9:27am	Report (5W): N/A	(25W): N/A	(50W): 59
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

38 degrees, overcast, no precipitation

Notes: Brunswick High School Shelter full, request for blankets

Eastpoint Church			Portable / Mobile Station: KC1JMH		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 9:14am	Report (5W): 59	(25W):	(50W): 59*
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 9:36am	Report (5W): 59	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

39 degrees, overcast, light breeze

Notes: *Brad's high power output was 40W

Falmouth High School			Portable / Mobile Station: KB1HNZ		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 8:54am	Report (5W): 59	(25W): 59	(50W): 59
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 9:12am	Report (5W): 59	(25W):	(50W):
<input checked="" type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

37 degrees, heavy overcast, light wind, no precipitation

Notes: Tim was using a 5W HT for DMR simplex

Gorham Middle School			Portable / Mobile Station: KC1HJN		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 9:32am	Report (5W): 59	(25W): 59*	(50W): 59
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 9:35am	Report (5W): 59	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

Exercise report: .25" of ice on trees, power lines, and road signs, 2 trees down on soccer field

Actual report: 38 degrees, light rain, no wind

Notes: *Waylon's medium power output was 10W

Gray / New Gloucester High School			Portable / Mobile Station: KB1HNZ		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 10:32am	Report (5W): 59	(25W): 59	(50W): 59
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 10:35am	Report (5W): 59	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

39 degrees, moderate rain, no wind, nothing severe

Notes: Tim was using a 5W HT for DMR simplex

Greely Middle School			Portable / Mobile Station: KB1HNZ		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 9:44am	Report (5W): 59	(25W): 59	(50W): 59
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 9:46am	Report (5W): 59	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

40 degrees, light wind, heavy overcast, no precipitation

Tim, operating from Greely M.S. as WQKD305, contacted Brad WRAT256 at South Portland Community Center, at 9:47am via GMRS

Notes: Tim was using a 5W HT for DMR simplex

Lakes Region High School			Portable / Mobile Station: KC1AOT		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 10:19am	Report (5W): N/A	(25W): 59	(50W): 59
<input type="checkbox"/>	Contacted via DMR Simplex	Time:	Report (5W):	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

39 degrees, overcast, no wind, no precipitation

Notes: Ron's high power output was 65W

Portland Expo Building			Portable / Mobile Station: KC1JMH		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 9:14am	Report (5W): 55	(25W):	(50W): 59*
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 9:17am	Report (5W): 57	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

40 degrees, steady light rain, diagonal at times, NW breeze

Notes: *Brad's high power output was 40W

Scarborough High School			Portable / Mobile Station: Not Activated		
<input type="checkbox"/>	Contacted via FM Simplex	Time:	Report (5W):	(25W):	(50W):
<input type="checkbox"/>	Contacted via DMR Simplex	Time:	Report (5W):	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

Notes:

South Portland High School			Portable / Mobile Station: KC1JMH		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 10:09am	Report (5W): 59	(25W):	(50W): 59*
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 10:15am	Report (5W): 59	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

43 degrees, cloudy, light SE wind, rain starting

Notes:

*Brad's high power output was 40W

South Portland Community Center			Portable / Mobile Station: KC1JMH		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 9:42am	Report (5W): 59	(25W):	(50W): 59*
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 9:46am	Report (5W): 59	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

43 degrees, wind increasing

Notes:

*Brad's high power output was 40W

Westbrook High School			Portable / Mobile Station: Not Activated		
<input type="checkbox"/>	Contacted via FM Simplex	Time:	Report (5W):	(25W):	(50W):
<input type="checkbox"/>	Contacted via DMR Simplex	Time:	Report (5W):	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

Notes:

Windham High School			Portable / Mobile Station: KC1HJN		
<input checked="" type="checkbox"/>	Contacted via FM Simplex	Time: 8:45am	Report (5W): 59	(25W): 59*	(50W): 59
<input checked="" type="checkbox"/>	Contacted via DMR Simplex	Time: 8:40am	Report (5W): 59	(25W):	(50W):
<input type="checkbox"/>	Received Digital Message		<input type="checkbox"/>	Sent Reply	

WX Report Received:

Actual report: 39 degrees, light rain

Notes:

*Waylon's medium power output was 10W



**WIRELESS SOCIETY
OF SOUTHERN MAINE**

Est. 2010



Local Ham Radio Group Participates in Statewide Exercise

On Saturday, October 27th, members of the Wireless Society of Southern Maine Emergency Communications Team, which meets monthly in Windham, will participate in a statewide drill to test their communications capabilities between various different sites throughout Cumberland County and the state. The drill, known as the Simulated Emergency Test, or SET, is an annual exercise, sponsored by the American Radio Relay League, which encourages amateur radio operators from across the country test their communications skills during a mock disaster.

During the SET, hams are required to quickly establish communications between various Emergency Operations Centers and exchange formal messages and traffic, which contain requests for supplies, medical or weather information, or other things that may be of importance during a disaster. They do this via voice, Morse code, and digital two-way radio, on bands ranging from HF to UHF, as required.

“The scenario for this year is an ice storm, which is a real possibility in Maine,” says Rory McEwen, of Saco. Rory is president of the Wireless Society of Southern Maine, which provides communications support for Cumberland County EMA, as well as the National Weather Service. “The SET tests how we respond during large-scale disasters, where commercial infrastructure has failed. In these events, hams are often the only source of communications.”

“The hams in our club are a dedicated group,” adds Thom Watson, one of the founders of the club. “Amateur radio has a long history of volunteerism. Sure, it’s a hobby and there’s some fun things that we do like mountaintop expeditions or competitive events like contesting, but so many like to stay sharp by providing support for charity walks and community events, and drills like this, so they’ll be ready to offer their time and expertise when disaster strikes.”

The Wireless Society of Southern Maine is participating in fourth SET. “The first time we participated was only a few days after we formally established a partnership with the Cumberland County Emergency Management Agency, so we weren’t very organized yet,” says McEwen. “but last year went really well, and we have a solid plan and a list of goals to accomplish for 2018.”

After the event, the participants will do an assessment to determine how well they performed and look for areas to improve on. “There’s always new things to learn and ways to improve,” says McEwen. “But the important thing to know is that we’ll be ready to help.”

For more information about amateur radio, or the Wireless Society of Southern Maine, please visit their website at: <http://www.mainehamradio.com>